$$\begin{array}{c} CH_{3}CH_{2}CH_{2}CH_{2}CH_{2}O - P - OCH_{2}CH_{2}CH_{2}CH_{2}O - P - OCH_{2}CH_{2}CH_{2}CH_{3}O - P - OCH_{2}CH_{2}CH_{2}CH_{3}O - P - OCH_{2}CH_{2}CH_{2}CH_{3}O - P - OCH_{2}CH_{2}CH_{2}O - P - OCH_{2}CH_{2}CH_{3}O - P - OCH_{2}CH_{2}O - P - OCH_{2}CH_{3}O - P - OCH_{2}CH_{3}O - P - OCH_{2}CH_{2}O - P - OCH_{2}CH_{3}O - P - OCH_{2}CH_{3}O - P - OCH_{2}CH_{3}O - OCH_{2}CH_{3}O - OCH_{2}CH_{2}O - OCH_{2}CH_{2}O - OCH_{2}CH_{3}O - OCH_{2}CH_{3}O - OCH_{2}CH_{2}O - OCH_{2}CH_{3}O - OCH_{2}CH_{2}O - OCH_{2$$

Figure 1

 OH

$$\begin{array}{c} \text{COCH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{O} & \begin{array}{c} \text{O} \\ \parallel \\ \text{P} \end{array} \\ \begin{array}{c} \text{OCH}_2\text{C$$

Figure 2

$$HO \longrightarrow P \longrightarrow O \longrightarrow Q \longrightarrow W \longrightarrow HO \longrightarrow P \longrightarrow O \longrightarrow XO \longrightarrow HO \longrightarrow P \longrightarrow O$$

Figure 3

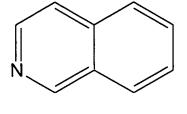
`осн₃

OZ



Figure 4

quinoline



isoquinoline

quinazoline

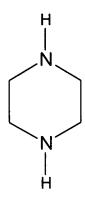
pteridine

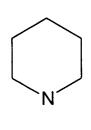
Figure 5

Figure 6

phenoxazine

phenazine





piperazine hydrogenated pyrazine piperidine (hydrogenated pyridine)

Figure 7

caprolactam

Figure 8

$$(H_3C)_2N$$
 $N(CH_3)_2$

leucomethylene blue

Figure 9